NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS) 1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE LEM MECHNICAL POC. 2. SIZE PRV PER MANUFACTURER'S INSTRUCTIONS. 3. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS: A. ENGINEERING MANUAL, MECHANICAL CHAPTER. B. SPEC 15140, POTABLE AND [NON-POTABLE] WATER PIPING. C. MECH DRAWING ST6005, SITE/BUILDING WATER COMPONENT DIAGRAM. 4. SUGGESTED PRV SETTINGS: A. BUILDING SERVICE; LEAD PRV NORMALLY SET AT APPROXIMATELY 55-60 PSIG WITH THE LAG PRV SET 3-5 PSIG LOWER. B. MISCELLANEOUS (TRAILERS AND TRANSPORTABLES); NORMALLY SET AT 40 PSIG. C. MAKE-UP WATER SYSTEMS (HEATING, COOLING, COOLING TOWERS, BOILERS, ETC.); NORMALLY SET AT 15-20 PSIG. 5. OTHER FILTERING DEVICES, (CENTRIFUGAL SEPARATORS, CARTRIDGE FILTERS, DRAWING DEVELOPED FOR ML-3 ETC.) MAY BE USED IN LIEU OF A STRAINER WHEN REQUIRED. PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN IN-SERTED INTO A DRAWING PACK-AGE). U GENERAL REVISION. 8-8-02 DESCRIPTION FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE LANL ENGINEERING MANUAL DRAWN R.PEARSON DESIGN RFROST WATER PRV PIPING DETAIL CHECKED C.CREWAL DISCIPLINE POC: GURINDER GREWA STANDARDS MANAGER: TOBIN ORUCH

REVIEWER LARRY BAYS

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CHAPTER 6